

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(6F0048) Hex(91005E) Hex(6F0011) Hex(383236) Hex(78004E) Hex(F700A0)

	Hex(6F0048)	Hex(91005E)	Hex(6F0011)	Hex(383236)	Hex(78004E)	Hex(F700A0)
Hex(6F0048)		Ratio: 1.34 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(91005E)	Ratio: 1.34 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(6F0011)	Ratio: 1.05 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(383236)	Ratio: 1.05 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(78004E)	Ratio: 1.08 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(F700A0)	Ratio: 3.09 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 2.86 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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